

| L Number | Hits  | Search Text  | DB  | Time stamp       |
|----------|-------|--|---|------------------|
| 1        | 3597  | cathode with (conical cone)  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/23 10:27 |
| 2        | 52277 | cathode with electron  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/23 10:27 |
| 3        | 1388  | (cathode with (conical cone)) same (cathode with electron )  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/23 10:27 |
| 4        | 4779  | cathode with tip   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/23 10:28 |
| 5        | 370   | ((cathode with (conical cone)) same (cathode with electron )) and (cathode with tip )  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/23 10:28 |
| 7        | 2059  | heating with (( irradiation radiation electromagnetic) adj3 source)  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/23 10:31 |
| 8        | 1     | (((cathode with (conical cone)) same (cathode with electron )) and (cathode with tip )) and vacuum) and (heating with (( irradiation radiation electromagnetic) adj3 source) ) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/23 10:28 |
| 9        | 4     | ("3567928"   "3920999"   "3963922"   "4903287").PN.  | USPAT                                       | 2004/03/23 10:30 |
| 10       | 2     | 5157704.URPN.  | USPAT                                       | 2004/03/23 10:30 |
| 11       | 6     | (((cathode with (conical cone)) same (cathode with electron )) and (cathode with tip )) and vacuum) and (( irradiation radiation electromagnetic) adj3 source)                 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/23 10:31 |
| 6        | 277   | (((cathode with (conical cone)) same (cathode with electron )) and (cathode with tip )) and vacuum   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/23 10:34 |
| 12       | 6     | ("4663559"   "4954711"   "5155412"   "5191217"   "5536944"   "5587586").PN.  | USPAT                                       | 2004/03/23 10:43 |
| -        | 5460  | photo\$cathode   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/23 08:26 |
| -        | 52277 | cathode with electron  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/23 10:27 |

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|--|-------|--|---|------------------|
|  | 90136 | (heating irradiation radiation electromagnetic) adj3 source  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/23 08:47 |
|  | 790   | ((heating irradiation radiation electromagnetic) adj3 source) with cathode   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/23 08:48 |
|  | 21916 | cathode with negative  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/23 08:27 |
|  | 55108 | electron adj2 (gun source)   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/23 08:28 |
|  | 34    | (electron adj2 (gun source)) and (photo\$cathode (cathode with electron)) and (((heating irradiation radiation electromagnetic) adj3 source) with cathode) and (cathode with negative)   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/23 08:28 |
|  | 4779  | cathode with tip   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/23 10:27 |
|  | 7     | ((electron adj2 (gun source)) and (photo\$cathode (cathode with electron)) and (((heating irradiation radiation electromagnetic) adj3 source) with cathode) and (cathode with negative)) and ((electron adj2 (gun source)) and (photo\$cathode (cathode with electron)) and (((heating irradiation radiation electromagnetic) adj3 source) with cathode) and (cathode with tip)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/23 08:28 |
|  | 17    | (electron adj2 (gun source)) and (photo\$cathode (cathode with electron)) and (((heating irradiation radiation electromagnetic) adj3 source) with cathode) and (cathode with tip)  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/23 08:30 |
|  | 5     | ("2821653"   "2844757"   "3392236"   "3417199"   "3418520").PN.  | USPAT                                       | 2004/03/23 08:35 |
|  | 5     | 3786305.URPN.  | USPAT                                       | 2004/03/23 08:35 |
|  | 9     | 3864572.URPN.  | USPAT                                       | 2004/03/23 08:36 |
|  | 2     | 5274234.URPN.  | USPAT                                       | 2004/03/23 08:36 |
|  | 4     | ("3864572"   "4954711"   "5038034"   "5043578").PN.  | USPAT                                       | 2004/03/23 08:37 |
|  | 9     | 3864572.URPN.  | USPAT                                       | 2004/03/23 08:37 |
|  | 1     | 3925706.URPN.  | USPAT                                       | 2004/03/23 08:38 |
|  | 4     | ("3659135"   "3678333"   "3760383"   "3786305").PN.  | USPAT                                       | 2004/03/23 08:39 |
|  | 30    | ("3937959"   "4038543"   "4179609"   "4426584"   "4504558"   "4514638"   "4572965"   "4629898"   "4654506"   "4677351"   "4684809"   "4831255"   "4861991"   "4893009"   "4975578"   "4990778"   "4998020"   "5153434"   "5298747"   "5313062"   "5449916"   "5498874"   "5502306"   "5576833"   "5578821"   "5612535"   "5763893"   "5808310"   "5986263"   "6011262").PN.      | USPAT                                       | 2004/03/23 08:41 |

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| - | 2059 | heating with (( irradiation radiation electromagnetic) adj3 source)   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/23 10:28 |
| - | 22   | (heating with (( irradiation radiation electromagnetic) adj3 source)) with cathode  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/23 10:27 |
| - | 15   | ("5090043"   "5153900"   "RE34421"   "5369679"   "5422926"   "5428658"   "5504799"   "5621780"   "6148061"   "6195411"   "6319188"   "6320932"   "6320935"   "6324257"   "6480568").PN. | USPAT                                       | 2004/03/23 08:49 |